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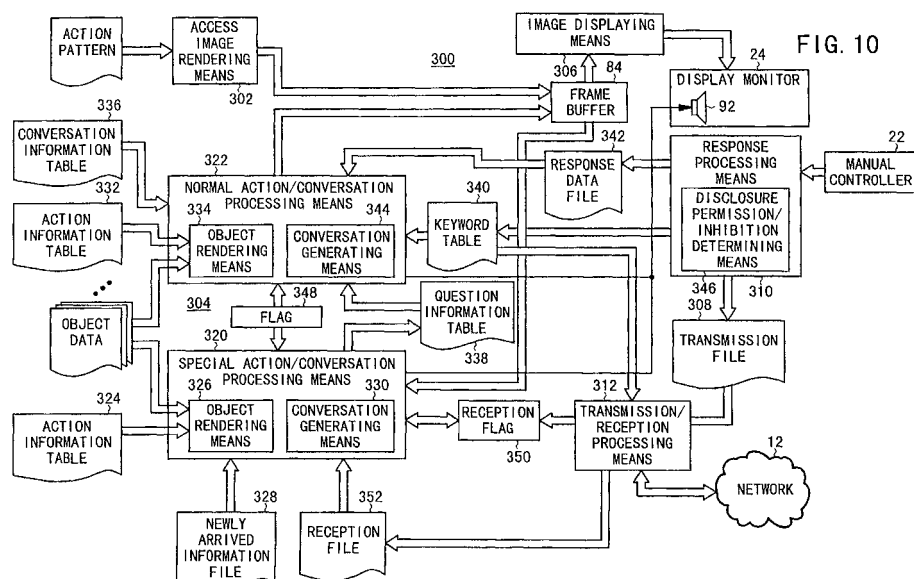
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(54) **Communication system, entertainment apparatus, recording medium, and program**

(57) An entertainment apparatus has an access image rendering unit (302) for expressing an access to and from a server (14) when the entertainment apparatus (16) accesses and is accessed by the server (14), with an image, such as a ship (204) as it moves, symbolizing the access, on the display unit (24), an action/conversation processing unit (304) for displaying at least one object, as it acts and converses, on the display unit (24),

an image displaying unit (306) for outputting 3D image data stored in a frame buffer (84) to the display monitor (24) to display an image thereon, a response processing unit (310) for registering response information from the user with respect to a conversation with the object in a transmission file (308), and a transmission/reception processing unit (312) for receiving information from the server (14) and transmitting information registered in the transmission file (308) to the server (14).





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Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	WO 99/56228 A (KIRALY JOZSEF ;HOLVATH ZOLTAN (HU); MINDMAKER INC (US); RIDGE PETE) 4 November 1999 (1999-11-04)	1,2,9, 10,17, 18,25,26	A63F13/12 A63F13/10
Y	* abstract *	3-8, 10-16, 19-24	
	* figures 3,11 *		
	* page 14, line 1,12 *		
	* page 15, line 5-9,20-25 *		
	* page 24, line 12-23 *		
	* page 16, line 12-18 *		
	* page 29, line 15 - page 30, line 7 *		
	* claims 1,8,18-20,31 *		

Y	US 5 963 217 A (GILLESPIE DOUGLAS W ET AL) 5 October 1999 (1999-10-05)	6,7,14, 15,22,23	
	* column 2, line 2-16,50-64 *		
	* column 3, line 64 - column 4, line 13 *		
	* column 5, line 41 - line 61 *		
	* column 6, line 6-14,48-53 *		
	* column 7, line 66 - column 8, line 8 *		
	* column 8, line 9-26 *		
	* column 9, line 50-57 *		
	* column 10, line 8-17 *		
	* figure 7 *		
	* claim 1, lines 52-53 *		

Y	US 5 895 466 A (GOLDBERG RANDY G ET AL) 20 April 1999 (1999-04-20)	2-5,8, 10-13, 16, 18-21, 24,26	
	* abstract *		
	* figures 1,2 *		
	* column 1, line 37-51 *		
	* column 2, line 44,50,60-64 *		
	* column 3, line 1-6,20-30 *		
	* column 4, line 10-27 *		

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 28 May 2004	Examiner Ruf, A
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 30 2058

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	MORI, DOHI, ISHIZUKA: "A Multi-Purpose Dialog Management System Employing Anthropomorphic Agents" PROC. IEEE WORKSHOP RO-MAN, 1995, pages 187-192, XP002281426 Tokyo	2,5,8, 10,13, 16,18, 21,24,26	
A	* figure 2 * * column 2, section 2. * * column 4, items 2, 4 * * column 5, paragraph 2. * * column 6, items 1-4 * ---	1-26	
A	HUTCHES, ALDER: "Introducing MegaHAL" PROC. HUMAN-COMPUTER COMMUNICATION WORKSHOP, no. cp98-02, November 1998 (1998-11), pages 271-274, XP002281421 * column 3, line 2-10 * * column 4, line 39-50 * * column 5, line 11-31 * ---	2,3,8, 10,11, 16,18, 19,24	
A	"Ultra Hal Assistant, Bring out the Person in Your PC" ZAPAWARE INC., [Online] 8 February 2000 (2000-02-08), XP002281422 Retrieved from the Internet: <URL:http://web.archive.org/web/2000002080 35529/www.zabaware.com/assistant> [retrieved on 2004-05-25] * paragraphs [0001]-[0004] * --- -/--	1-26	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 28 May 2004	Examiner Ruf, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P04C01)



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Application Number
EP 01 30 2058

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	WO 97/35280 A (ZAPA DIGITAL ARTS LTD ;ETAM ERAN (IL); HERMONI NIR (IL); LIVINE EY) 25 September 1997 (1997-09-25) * page 10, line 21-27 * * page 17, line 14-27 * * page 18, line 7-13 * * page 19, line 5-12 * * page 23, line 27-35 * * page 24, line 19.-23 * * page 32, line 35 - page 33, line 11,23-34 * * page 36, line 5-20 * * figures 15,16 * ---	1-26	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	EP 0 626 635 A (FIRSTPERSON INC) 30 November 1994 (1994-11-30) * column 3, line 2-13 * ---	1,6,9, 14,17, 22,25	
A	EP 0 900 581 A (KONAMI CO LTD) 10 March 1999 (1999-03-10) * abstract * * paragraphs [0014],[0040] * ---	3,11,19	
A	US 5 983 190 A (MERRILL JOHN WICKENS LAMB ET AL) 9 November 1999 (1999-11-09) * abstract * * claim 8 * ---	1-26	
A	WO 98/11523 A (APPLEBY STEPHEN CLIFFORD ;BRITISH TELECOMM (GB)) 19 March 1998 (1998-03-19) * figures 1,4A-4D * * claims 12,16 * * page 2, line 24 - page 3, line 9 * * page 5, line 20 - line 28 * * page 7, line 17 - line 28 * * page 23, line 10 - line 15 * --- -/--	1-26	
The present search report has been drawn up for all claims			
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CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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Application Number
EP 01 30 2058

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	ACTIVISION: "Little Computer People" LEMON64, CRAIG GRANNELL, [Online] 1985, XP002281423 Retrieved from the Internet: <URL:http://www.lemon64.com/reviews/view-php?id=77> [retrieved on 2004-05-24] * paragraphs [0001]-[0003] * ---	1,2,6,7, 9,10,14, 15,17, 18,22,23	
A	WARREN SPECTOR: "Remodeling RPGs for the New Millenium" GAMASUTRA, [Online] 15 January 1999 (1999-01-15), XP002281425 Retrieved from the Internet: <URL:http://www.gamasutra.com/features/19990115/remodeling_01.htm> [retrieved on 2004-05-24] * section: "Conversing with NPCs " ---	8,16,24	
A	EP 0 849 691 A (SONY CORP) 24 June 1998 (1998-06-24) * abstract, lines 9-15 * -----	1,6,9, 14,17,22	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
Place of search MUNICH		Date of completion of the search 28 May 2004	Examiner Ruf, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P04001)

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ON EUROPEAN PATENT APPLICATION NO.**

EP 01 30 2058

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The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

28-05-2004

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9956228	A	04-11-1999	US 6088731 A	11-07-2000
			AU 3862899 A	16-11-1999
			EP 1073979 A1	07-02-2001
			JP 2002513185 T	08-05-2002
			WO 9956228 A1	04-11-1999
			US 6735632 B1	11-05-2004

US 5963217	A	05-10-1999	US 2004001065 A1	01-01-2004

US 5895466	A	20-04-1999	CA 2244826 A1	19-02-1999

WO 9735280	A	25-09-1997	AU 718608 B2	20-04-2000
			AU 2228997 A	10-10-1997
			CA 2248909 A1	25-09-1997
			EP 0927406 A2	07-07-1999
			WO 9735280 A2	25-09-1997
			JP 2000512039 T	12-09-2000
			US 6331861 B1	18-12-2001
			US 6329994 B1	11-12-2001

EP 0626635	A	30-11-1994	DE 69432199 D1	10-04-2003
			DE 69432199 T2	08-01-2004
			EP 0626635 A2	30-11-1994
			JP 7098640 A	11-04-1995
			US 2002060701 A1	23-05-2002
			US 5524195 A	04-06-1996
			US 6154209 A	28-11-2000
			US 6160551 A	12-12-2000
			US 5745710 A	28-04-1998
			US 6344861 B1	05-02-2002
			US 6020881 A	01-02-2000
			US 5886697 A	23-03-1999
			US 5995106 A	30-11-1999

EP 0900581	A	10-03-1999	JP 11076608 A	23-03-1999
			EP 0900581 A2	10-03-1999
			US 6290602 B1	18-09-2001

US 5983190	A	09-11-1999	NONE	

WO 9811523	A	19-03-1998	AU 4130297 A	02-04-1998
			CA 2266036 A1	19-03-1998
			DE 69704781 D1	13-06-2001
			DE 69704781 T2	29-11-2001
			EP 0925569 A1	30-06-1999
			WO 9811523 A1	19-03-1998

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 30 2058

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

28-05-2004

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9811523 A		US 2002059056 A1	16-05-2002
EP 0849691 A	24-06-1998	CN 1287428 A	14-03-2001
		CN 1195939 A	14-10-1998
		EP 1076306 A2	14-02-2001
		EP 0849691 A2	24-06-1998
		JP 3161400 B2	25-04-2001
		JP 11065964 A	09-03-1999
		JP 2000207312 A	28-07-2000
		JP 2002163209 A	07-06-2002
		TW 401548 B	11-08-2000
		US 2002095467 A1	18-07-2002
		US 2002097266 A1	25-07-2002
		US 6311195 B1	30-10-2001